

Power Cost Memorandum Fuel Cost Update

Date: April 1, 2021

Utility Name (Cert. No.) <u>Ungusrag Power Company (375)</u>	Utility File No. <u>PC25-0415L</u>	Date Filed: <u>March 16, 2021</u>
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PCE AMOUNT SUMMARY	Previously Approved PC25-0415K	Staff Recommended Amount(s) and Effective Date PC25-0415L
Class Rate	<u>Date Approved:</u> January 22, 2021	April 2, 2021
ALL	\$0.1189	\$0.3500
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: <u>\$ 0.0698</u>	New Fuel Purchase Price: \$ 2.4627
<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change: Previous _____ Updated _____

Weighted Average Fuel Price/Gal. Calculation					
	<u>Gallons</u>		<u>Price</u>		
On-hand before deliv.	1,200	X	0.0698	=	83.71
Delivered	60,021	X	2.5105	=	150,682.72
	<u>61,221</u>				<u>\$ 150,766.43</u>
					Weighted Average <u>\$ 2.4627</u>

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Signed: Brenda Cox Utility Financial Analyst
Brenda Cox

Commission decision re. this recommendation :

	Date (if different from 4/1/21)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<u>RMP</u>		
Kurber		<u>KTI</u>		
Scott		<u>AGS</u> AGS		
Sullivan		<u>DS</u> DS		
Wilson		<u>JWW</u>		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

UNGUSRAQ POWER COMPANY

POWER COST EQUALIZATION CALCULATION
FOR TEST PERIOD ENDING DECEMBER 31, 2014
Fuel Cost Update

APPENDIX 1

	PC25-0415K	PC25-0415L	
	Prior Commission Approval	Utility Request	Staff Recommended
A. Total kWh Generated	443,881	443,881	443,881
B. Total kWh Sold (Appendix 2)	416,087	416,087	416,087
C. Total Non-Fuel Costs (Appendix 2)	\$134,968	\$134,968	\$134,968
D. Non-Fuel Cost/kWh (C / B)	\$0.3244	\$0.3244	\$0.3244
E. Total Fuel Costs (Appendix 2)	\$2,950	\$104,156	\$104,156
F. Fuel Costs/kWh (E / B)	\$0.0071	\$0.2503	\$0.2503
G. Eligible Costs/kWh (D + F)	\$0.3315	\$0.5747	\$0.5747
H. Eligible Cost/kWh (G) less base rate in effect	\$0.1252	\$0.3684	\$0.3684
I. Lesser of (H) or .7937 cents	\$0.1252	\$0.3684	\$0.3684
J. Average Class Rates (Appendix 3)			
ALL	\$0.5937	\$0.5937	\$0.5937
	Class Power Cost Equalization Per kWh Payable		
K. Lesser of: (I) x 95% or (J)			
ALL	\$0.1189	\$0.3500	\$0.3500
L. Funding Level in Effect	100%	100%	100%
ALL	\$0.1189	\$0.3500	\$0.3500

PC25-0415L
Appendix 1

UNGUSRAQ POWER COMPANY

APPENDIX 2

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY
FOR TEST PERIOD ENDING DECEMBER 31, 2014

Fuel Cost Update

		PC25-0415K	PC25-0415L	
		Prior Commission Approval	Per Utility	Per Staff
Non-Fuel Costs:				
A. Personnel Costs		95,496	95,496	95,496
B. Operating Expenses		19,682	19,682	19,682
C. General & Administrative		12,503	12,503	12,503
D. Depreciation/Amortization		3,121	3,121	3,121
E. Interest Expense		4,166	4,166	4,166
F. Other (Describe)		0	0	0
G. Total Non-Fuel Costs		\$134,968	\$134,968	\$134,968
Fuel Costs:				
H. Gallons Consumed for Electric Generation		42,294	42,294	42,294
I. Price of Fuel:(per gal) Weighted Average		0.0698	2.4627	2.4627
J. Total Cost of Fuel (H x I)		\$2,950	\$104,156	\$104,156
K. kWh Generated		443,881	443,881	443,881
L. kWh Sales		416,087	416,087	416,087
M. kWh Station Service		6,430	6,430	6,430
N. Efficiency (K / H)	≥	<u>Standard</u> 10.50	10.50	10.50
O. Line Loss	≤	12%	4.81%	4.81%
((kWh Generated -(kWh Sold + Station Service))/kWh Generated				

PC25-0415L

Appendix 2

CALCULATION OF AVERAGE CLASS RATE PER kWh

Rate Schedule: **All**

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to 500	0.8000		0.8000	400.0000		
to						
to						
to						
Max 500			Total	400.0000	0.8000	0.5937

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to						
to						
to						
to						
Max 500			Total			

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to						
to						
to						
to						
Max 500			Total			

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to						
to						
to						
to						
Max 500			Total			

Ungusraq Power Company

	Date	Gallons	Cost Per Gallon	Delivery/ Mark-Up per Gallon	Total Cost
Beginning Fuel Inventory		1,200			
Last Approved Fuel Cost/Gal.			0.0698		
Beginning Fuel Inventory in Gallons X Last Approved Fuel Cost/Gal. = Beginning Fuel Invent					\$ 83.71
Reporting Period Purchases	07/17/20	30,000	\$ 2.5105		\$ 75,315.00
	07/19/20	30,021	\$ 2.5105		\$ 75,367.72
Totals for Reporting Period Purchases on this sheet:		60,021			\$ 150,682.72
Grand Totals (beginning inventory plus purchases)		<u>61,221</u>			<u>\$ 150,766.43</u>
Total Cost for Reporting Period divided by Total Gallons for Reporting Period =					<u>\$ 2.5105</u>
Grand Total Cost divided by Grand Total Gallons =					<u>\$ 2.4627</u>

Ungusraq filed a revised fuel report for 2020 and included Newtok Village Council's invoice #101 showing Ungusraq will be paying the Council back for the cost of fuel originally processed in PC25-0415K and approved in Letter Order L2100016 on January 22, 2021.

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Signature: Keith Kurber II
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PC25-0415L
Schedule BKC-1